	RF Errors Corrected by the STIC ystems British CAR Processing Oste: //e/20
) h	Changed a file from non-ASCII to ASCII EN TO Chilled by: Vorthod by:
	Changed the margins in cases where the sequence toxi was impaced down to the next line.
	•
	Edited a format error in the Current Application Data section, specifically:
,	Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other
	Added the mandatory heading and subheadings for "Current Application Data".
	Edited the 'Number of Sequences' field. The applicant spelled out a number instead of using an integer
	Changed the spelling of a mandatory field (the headings or subheadings), specifically:
	Corrected the SEO ID NO when obviously incorrect. The sequence numbers that were edited were:
	Inserted or corrected a nucleic number at the end of a nucleic line. SEO ID NO's edited:
	Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
	Inserted colons after headings/subheadings. Headings edited included:
	Deleted extra invalid, headings used by an applicant, specifically: (220) Line Seg. 3
	Deletod: non-ASCII *garbago* at the beginning/end of tiles: secretary initials/filename at end of to page numbers throughout text; other invalid loxt, such as
	Inserted mandatory headings, specifically:
	Corrected an obvious erro: in the response, specifically:
•	Edited identifiers where upper case is used but lower case is required, or vice versa.
	Corrected an error in the Number of Sequences field, specifically:
-	A "Hard Pago Break" code was inserted by the applicant. All occurrences had to be deleted.
D di	eloted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (errol to a Patentin bug). Sequences corrected:
	Other:
. –	:
-	

'Examiner: The above corrections must be communicated to the applicant in the first Office 21/95 Acidon! DO NOT send a copy of this form.

#2 OIPE

RAW SEQUENCE LISTING DATE: 01/10/2002 PATENT APPLICATION: US/10/017,621 TIME: 20:06:04

Input Set : A:\PTO.AMC.txt

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             Mark P. Roach
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      8 <130> FILE REFERENCE: RTS-0350
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/017,621
C--> 10 <141> CURRENT FILING DATE: 2001-12-07
     10 <160> NUMBER OF SEQ ID NOS: 89
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                                                                             120
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     53 gcc atg gat cgg atg aag aag atc aaa cgg cag ctg tca atg aca ctc
                                                                             168
     54
            Met Asp Arg Met Lys Lys Ile Lys Arg Gln Leu Ser Met Thr Leu
     55
                                                  10
     57 cga ggt ggc cga ggc ata gac aag acc aat ggt gcc cct gag cag ata
                                                                             216
     58 Arg Gly Gly Arg Gly Ile Asp Lys Thr Asn Gly Ala Pro Glu Gln Ile
                         20
     59
                                              25
     61 ggc ctg gat gag agt ggt ggt ggc ggc agt gac cct gga gag gcc
                                                                             264
     62 Gly Leu Asp Glu Ser Gly Gly Gly Gly Ser Asp Pro Gly Glu Ala
     65 ccc aca cgt gct gct cct ggg gaa ctt cgt tct gca cgg ggc cca ctc
                                                                             312
     66 Pro Thr Arg Ala Ala Pro Gly Glu Leu Arg Ser Ala Arg Gly Pro Leu
                                                          60
                 50
                                     55
     67
                                                                             360
     69 age tet gea eea gag att gtg eae gag gae ttg aag atg ggg tet gat
     70 Ser Ser Ala Pro Glu Ile Val His Glu Asp Leu Lys Met Gly Ser Asp
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RAW SEQUENCE LISTING DATE: 01/10/2002 PATENT APPLICATION: US/10/017,621 TIME: 20:06:04

Input Set : A:\PTO.AMC.txt

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73 9 74 G	199	Glu	Ser	Acn	Gln	Ala	Ser	Ala	Thr	Ser	Ser	Asp	Glu	Val	Gln	Ser	
	80	GIU	DCI	nop.	0 ±	85					90					95	
		ata	апа	ata	cat	atg	cac	aac	cat	ccc		cac	aag	atc	tcc	act	456
70 0	ro	y cy val	Ara	Val	Δrσ	Met	Ara	Agn	His	Pro	Pro	Ara	Lvs	Ile	Ser	Thr	
70 P	10	Val	ALY	Val	100	Mec	nrg	11511		105		••••	-10		110		
	~	~~	a+ a	220		cgc	cta	tca	cta		act	gac	atc	caa		cct.	504
or 6	11	yac 3an	TIO	Aac	Tyz	Arg	Lou	Cor	LAU	Dro	Δla	Δen	Tle	Ara	Len	Pro	
	ııu	ASP	тте	115	гуз	Arg	ьец	261	120	110	niu	пор	110	125			
83			-		~~~	aag	a+ a	200		22t	200	000	atc		σас	ааσ	552
85 9	jag	ggc	Tac	CLG	gay	aay	Tou	mb~	Tou	Aan	Cor	Dro	Tla	Dhe	Agn	Lve	332
	iLu	СТĀ		ьeu	GIU	Lys	Leu		ьец	ASII	Ser	PIO	140	FIIC	тэр	DyS	
87			130			_+_		135			-+-	+ ~+		a++	~~~	+++	600
89 c	ccc	ctc	agc	cgc	cgc	ctc	cgt	cgt	gte	age	CLa	Com	gay	TIO	21	Dho	000
	ro		Ser	Arg	Arg	Leu		Arg	Val	ser	Leu		GIU	TTE	СТУ	PHE	
91		145					150					155					640
93 g	gg g	aaa	ctg	gag	acc	tac	att	aag	ctg	gac	aaa	ctg	ggc	gag	ggt	acc	648
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102	Ala	Leu	ı Ly:	s Glu	ı Ile	e Arg	, Lei	ı Glı	u His	s Gl	u Gl	u Gly	y Al	a Pro	су:	s Thr	
103				19					200					20			
105	gco	ato	c cg	g gaa	a gt	g to	ct	g cto	c aaq	g ga	c ct	c aaa	a ca	c gc	c aa	c atc	792
106	Ala	Ile	e Ar	g Glı	ı Va	l Sei	: Lei	ı Lei	u Ly:	s As	p Lei	u Ly:	s Hi	s Ala	A As	n Ile	
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114	Phe	Gli	1 Tv:	r Lei	ı Ası	p Lys	AS	p Le	u Ly	s Gl	n Ty:	r Le	u As	p As	о Су	s Gly	
115			•		•	245		-	_		25	0				255	
117	aad	ato	at	c aa	e ate	g cad	c aa	c gt	g aa	a ct	g tt	c ct	g tt	c ca	g ct	g ctc	936
118	Ast	1 T16	≥ T1	e Ası	n Me	t His	s As	n Val	l Ly:	s Le	u Ph	e Le	u Ph	e Gl	n Le	u Leu	
119					26				-	26					27		
	cat	- αα	a at	a ac			c ca	c ca	σ ca	σ aa	a at	q ct	a ca	c cg	a ga	c ctc	984
122	Arc	- 99'	7 T.O	9 90 11 Δ1:	a Tv	r Cvs	a Hi	s Ar	a Gli	n Lv	s Va	l Le	u Hi	s Ar	q Ās	p Leu	
123		, 01.	,	27					28	_				28	5		
	22/		o ca			a cta	at.	c aa			a aa	a σa	a ct			g gct	1032
125	Twe	י סיי	5 Cu	n Ae	n T.A	ıı T.e.	1 T1	e Ac	n Gli	וו אר	a Gl	v Gli	u Le	u Lv	s Le	u Ala	
127	пλя	, r.i.	29		116	اعالم	~ + +	29			,	,	30	0			
	~~	, ++-			a aa	0 00:	a (10)			a at	ם ממ	a ac			a ta	c tcc	1080
120	yac	. Dh	- 99	U UU	y yc	o cyc	4 90 4 31	a T.tr	9 60	r Tl	o Dr	o Th	r Lv	s Th	_ 0 <u>ч</u> r Tv	r Ser	
	A5			у пе	u Al	u ni	31		J J.E.		- 11	31			1		
131		30			~ ~~	a a+				a aa	0 00		-	c ct	a ct	t ggg	1128
T22	aal	- ga	y yc	9 90 1 17-	y ac	u CL	ყ სყ , m⊷	y La n m	~ X ~	a De	0 Dr	- 3a	n Tl	ے T.D	ם. ד.ם מ.ד זו	u Gly	
			u va	⊥ va	r Tn			ь та	T WI	y Pr			ד ד	C DG	<u>~ пс</u>	335	
135	320	j				32	5				33	U				333	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/017,621

DATE: 01/10/2002
TIME: 20:06:05

Input Set : A:\PTO.AMC.txt

the second secon	1176									
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138 Ser Thi ASP 191 Ser Thi Gin Tie hop hee 127 527 132 139 340 345 350										
141 the tat gag atg gee aca gge egt ecc etc ttt eeg gge tee acg gtg	1224									
142 Phe Tyr Glu Met Ala Thr Gly Arg Pro Leu Phe Pro Gly Ser Thr Val										
143 355 360 365	1272									
145 gag gaa cag cta cac ttc atc ttc cgt atc tta gga acc cca act gag 146 Glu Glu Gln Leu His Phe Ile Phe Arg Ile Leu Gly Thr Pro Thr Glu										
275 290										
147 370 375 360 149 gag acg tgg cca ggc atc ctg tcc aac gag gag ttc aag aca tac aac	1320									
150 Glu Thr Trp Pro Gly Ile Leu Ser Asn Glu Glu Phe Lys Thr Tyr Asn	ı									
151 385 390 395										
153 tac ccc aag tac cga gcc gag gcc ctt ttg agc cac gca ccc cga ctt	1368									
154 Tyr Pro Lys Tyr Arg Ala Glu Ala Leu Leu Ser His Ala Pro Arg Leu 410 415										
177 400										
157 gat agc gac ggg gcc gac ctc ctc acc aag ctg ttg cag ttt gag ggt 158 Asp Ser Asp Gly Ala Asp Leu Leu Thr Lys Leu Leu Gln Phe Glu Gly	,									
158 Asp Ser Asp Gly Ala Asp Let Let III 275 264 264 264 264 264 264 264 264 264 264										
161 cga aat cgg atc tcc gca gag gat gcc atg aaa cat cca ttc ttc ctc	1464									
162 Arg Asn Arg Ile Ser Ala Glu Asp Ala Met Lys His Pro Phe Phe Leu	Ĺ									
163 435 440 445										
165 agt ctg ggg gag cgg atc cac aaa ctt cct gac act act tcc ata ttt	1512									
166 Ser Leu Gly Glu Arg Ile His Lys Leu Pro Asp Thr Thr Ser Ile Phe	;									
167 450 455 460 169 gca cta aag gag att cag cta caa aag gag gcc agc ctt cgg tct tcg	1560									
170 Ala Leu Lys Glu Ile Gln Leu Gln Lys Glu Ala Ser Leu Arg Ser Ser	<u>-</u>									
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RAW SEQUENCE LISTING DATE: 01/10/2002 PATENT APPLICATION: US/10/017,621 TIME: 20:06:05

Input Set : A:\PTO.AMC.txt

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RAW SEQUENCE LISTING DATE: 01/10/2002 PATENT APPLICATION: US/10/017,621 TIME: 20:06:05

Input Set : A:\PTO.AMC.txt

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